

ASBESTOS ASSESSMENT SURVEY

H-K Building #: 01  
 Project Number: 0980193E  
 Project: G. HEILEMAN BREWERY "E"  
 Date Inspected: 03/23/89  
 Inspector: CURT BAXTER

Building Number: 01  
 Building Name: CORPORATE OFFICES  
 SEATTLE, WASHINGTON  
 Building Type: OFFICES  
 Year Constructed: 1935

|       |                 |                             |                              |       |
|-------|-----------------|-----------------------------|------------------------------|-------|
| ***** | AREA NUMBER: 01 | AREA DESCRIPTION: 1st Floor | AREA AVERAGE % ASBESTOS: 48% | ***** |
|-------|-----------------|-----------------------------|------------------------------|-------|

| LOCATION OF THE MATERIAL                | SAMPLE NUMBER | ASB | MATERIAL DESCRIPTION         | O&M CODE | QUANTITY | UNITS OF MEASURE | PIPE ID | EXP POT | PL  | REMOVAL COSTS | REPLACEMENT COSTS | TOTAL COSTS |
|---|---------------|-----|------------------------------|----------|----------|------------------|---------|---------|-----|---------------|-------------------|-------------|
| bran manager's office-southwest closet  | 00-356110     | 55% | pipe covering                | OMA      | 10 ft.   | 4 in. O.D.       | LPS/R   | 23      | III | \$89          | \$56              | \$145       |
| men's restroom-west wall-at floor       | 00-356110     | 55% | pipe covering                | OMA      | 12 ft.   | 4 in. O.D.       | LPS/R   | 23      | III | \$107         | \$67              | \$174       |
| women's restroom-south wall-at floor    | 00-356110     | 55% | pipe covering                | OMA      | 4 ft.    | 4 in. O.D.       | LPS/R   | 23      | III | \$36          | \$22              | \$58        |
| storage room-above safe                 | 00-356114     | 40% | corrugated pipe covering     | OMA      | 22 ft.   | 4 in. O.D.       | DW      | 23      | III | \$196         | \$123             | \$319       |
| men's restroom-west wall-at floor       | 01-356111     | 50% | mjp on pipe covering         | OMA      | 6 4 in.  | O.D.             | LPS/R   | 23      | III | \$169         | \$94              | \$263       |
| utility closet-southwest corner of room | 01-356111     | 50% | mjp on pipe covering         | OMA      | 4 4 in.  | O.D.             | LPS/R   | 23      | III | \$112         | \$62              | \$174       |
|   | 01-356112     | 60% |                              |          |          |                  |         | 23      | III |               |                   |             |
|   | 01-356113     | 50% |                              |          |          |                  |         | 23      | III |               |                   |             |
| storage room-above safe                 | 02-356115     | 30% | mjp on corrugated pipe cover | OMA      | 5 4 in.  | O.D.             | DW      | 23      | III | \$140         | \$78              | \$218       |
|   | 02-356116     | 30% |                              |          |          |                  |         | 23      | III |               |                   |             |
|   | 02-356117     | 25% |                              |          |          |                  |         | 23      | III |               |                   |             |

AREA COMMENTS

The materials are in good condition with minor contact and water damage. The materials are approximately 10' from the floor. At a minimum, it is recommended that the materials be maintained and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a high traffic area.

|           |       |       |       |         |
|-----------|-------|-------|-------|---------|
| AREA # 01 | TOTAL | \$849 | \$502 | \$1,351 |
|-----------|-------|-------|-------|---------|

|       |                 |                                     |                             |       |
|-------|-----------------|-------------------------------------|-----------------------------|-------|
| ***** | AREA NUMBER: 02 | AREA DESCRIPTION: 1st Floor-Ceiling | AREA AVERAGE % ASBESTOS: 0% | ***** |
|-------|-----------------|-------------------------------------|-----------------------------|-------|

| LOCATION OF THE MATERIAL    | SAMPLE NUMBER | ASB | MATERIAL DESCRIPTION | O&M CODE | QUANTITY   | UNITS OF MEASURE | PIPE ID | EXP POT | PL | REMOVAL COSTS | REPLACEMENT COSTS | TOTAL COSTS |
|-----------------------------|---------------|-----|----------------------|----------|------------|------------------|---------|---------|----|---------------|-------------------|-------------|
| throughout-marketing office | 03-356118     | 0%  | acoustical tile      | OMG      | 224 sq.ft. |                  |         |         |    |               |                   |             |
|                             | 03-356119     | 0%  |                      |          |            |                  |         |         |    |               |                   |             |
|                             | 03-356120     | 0%  |                      |          |            |                  |         |         |    |               |                   |             |
| throughout-marketing office | 04-356121     | 0%  | acoustical tile      | OMG      | 168 sq.ft. |                  |         |         |    |               |                   |             |
|                             | 04-356122     | 0%  |                      |          |            |                  |         |         |    |               |                   |             |
|                             | 04-356123     | 0%  |                      |          |            |                  |         |         |    |               |                   |             |

AREA COMMENTS

|           |       |     |     |     |
|-----------|-------|-----|-----|-----|
| AREA # 02 | TOTAL | \$0 | \$0 | \$0 |
|-----------|-------|-----|-----|-----|

ASBESTOS ASSESSMENT SURVEY

H-K Building #: 01  
Project Number: 0980193E  
Project: G. HEILEMAN BREWERY "E"  
Date Inspected: 03/23/89  
Inspector: CURT BAXTER

Building Number: 01  
Building Name: CORPORATE OFFICES  
SEATTLE, WASHINGTON  
Building Type: OFFICES  
Year Constructed: 1935

|       |                 |                             |                              |       |
|-------|-----------------|-----------------------------|------------------------------|-------|
| ***** | AREA NUMBER: 03 | AREA DESCRIPTION: 2nd Floor | AREA AVERAGE % ASBESTOS: 56% | ***** |
|-------|-----------------|-----------------------------|------------------------------|-------|

| LOCATION OF THE MATERIAL             | SAMPLE NUMBER | ASB | MATERIAL DESCRIPTION | O&M CODE | QUANTITY    | UNITS OF MEASURE | PIPE ID | EXP POT | PL | REMOVAL COSTS | REPLACEMENT COSTS | TOTAL COSTS |
|--------------------------------------|---------------|-----|----------------------|----------|-------------|------------------|---------|---------|----|---------------|-------------------|-------------|
| ladies' room-southeast corner        | 00-356125     | 55% | pipe covering        | OMA      | 8 ft. 4 in. | O.D. LPS/R       | 37      | III     |    | \$71          | \$45              | \$116       |
| mail room-northwest corner           | 00-356125     | 55% | pipe covering        | OMA      | 8 ft. 4 in. | O.D. LPS/R       | 37      | III     |    | \$71          | \$45              | \$116       |
| secretaries' office-northeast corner | 00-356125     | 55% | pipe covering        | OMA      | 8 ft. 4 in. | O.D. LPS/R       | 37      | III     |    | \$71          | \$45              | \$116       |
| mail room-northwest corner           | 05-356126     | 60% | mjp on pipe covering | OMA      | 1 4 in.     | O.D. LPS/R       | 37      | III     |    | \$28          | \$16              | \$44        |
| secretaries' office-northeast corner | 05-356126     | 60% | mjp on pipe covering | OMA      | 1 4 in.     | O.D. LPS/R       | 37      | III     |    | \$28          | \$16              | \$44        |
|                                      | 05-356127     | 60% |                      |          |             |                  | 37      | III     |    |               |                   |             |
|                                      | 05-356128     | 50% |                      |          |             |                  | 37      | III     |    |               |                   |             |

AREA COMMENTS

AREA # 03 TOTAL \$269 \$167 \$436

The materials are in good condition with minor contact and water damage. The materials are approximately 1' to 8' from the floor. At a minimum, it is recommended that the materials be maintained and monitored. If removal is planned, gross removal procedures are recommended. This appears to be a high traffic area.

|       |                 |   |                              |       |
|-------|-----------------|---|------------------------------|-------|
| ***** | AREA NUMBER: 04 | AREA DESCRIPTION: 2nd Floor-Above Ceiling | AREA AVERAGE % ASBESTOS: 56% | ***** |
|-------|-----------------|---|------------------------------|-------|

| LOCATION OF THE MATERIAL | SAMPLE NUMBER | ASB | MATERIAL DESCRIPTION | O&M CODE | QUANTITY     | UNITS OF MEASURE | PIPE ID | EXP POT | PL | REMOVAL COSTS | REPLACEMENT COSTS | TOTAL COSTS |
|--------------------------|---------------|-----|----------------------|----------|--------------|------------------|---------|---------|----|---------------|-------------------|-------------|
| north wall-at rafters    | 00-356125     | 55% | pipe covering        | OMA      | 25 ft. 4 in. | O.D. LPS/R       | 23      | III     |    | \$223         | \$139             | \$362       |
| south wall-at rafters    | 00-356125     | 55% | pipe covering        | OMA      | 66 ft. 4 in. | O.D. LPS/R       | 23      | III     |    | \$589         | \$368             | \$957       |
| west wall-at rafters     | 00-356125     | 55% | pipe covering        | OMA      | 88 ft. 4 in. | O.D. LPS/R       | 23      | III     |    | \$785         | \$491             | \$1,276     |
| north wall-at rafters    | 05-356126     | 60% | mjp on pipe covering | OMA      | 2 4 in.      | O.D. LPS/R       | 23      | III     |    | \$56          | \$31              | \$87        |
| south wall-at rafters    | 05-356126     | 60% | mjp on pipe covering | OMA      | 8 4 in.      | O.D. LPS/R       | 23      | III     |    | \$225         | \$125             | \$350       |
| west wall-at rafters     | 05-356126     | 60% | mjp on pipe covering | OMA      | 4 4 in.      | O.D. LPS/R       | 23      | III     |    | \$112         | \$62              | \$174       |
|                          | 05-356127     | 60% |                      |          |              |                  | 23      | III     |    |               |                   |             |
|                          | 05-356128     | 50% |                      |          |              |                  | 23      | III     |    |               |                   |             |

AREA COMMENTS

AREA # 04 TOTAL \$1,990 \$1,216 \$3,206

The materials are in good condition with minor contact and water damage. The materials are from ceiling level to 2' above the plaster ceiling. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a low traffic area.

ASBESTOS ASSESSMENT SURVEY

H-K Building #: 01  
 Project Number: 0980193E  
 Project: G. HEILEMAN BREWERY "E"  
 Date Inspected: 03/23/89  
 Inspector: CURT BAXTER

Building Number: 01  
 Building Name: CORPORATE OFFICES  
 SEATTLE, WASHINGTON  
 Building Type: OFFICES  
 Year Constructed: 1935

|       |                 |   |                              |       |
|-------|-----------------|---|------------------------------|-------|
| ***** | AREA NUMBER: 05 | AREA DESCRIPTION: 2nd Floor-Above Ceiling | AREA AVERAGE % ASBESTOS: 55% | ***** |
|-------|-----------------|---|------------------------------|-------|

| LOCATION OF THE MATERIAL     | SAMPLE<br>NUMBER | ASB | MATERIAL DESCRIPTION | O&M<br>CODE | QUANTITY  | UNITS OF<br>MEASURE | PIPE<br>ID | EXP<br>POT | PL | REMOVAL<br>COSTS | REPLACEMENT<br>COSTS | TOTAL<br>COSTS |
|------------------------------|------------------|-----|----------------------|-------------|-----------|---------------------|------------|------------|----|------------------|----------------------|----------------|
| northwest corner of building | 06-356129        | 50% | debris               | OMF         | 15 sq.ft. |                     |            | 88 I       |    | \$100            | \$0                  | \$100          |
|                              | 06-356130        | 60% |                      |             |           |                     |            | 88 I       |    |                  |                      |                |
|                              | 06-356131        | 55% |                      |             |           |                     |            | 88 I       |    |                  |                      |                |

AREA COMMENTS

The debris is approximately 8' from the floor. At a minimum, it is recommended that the debris be removed and the area cleaned properly. Gross removal procedures are recommended. This appears to be a minimum traffic area.

AREA # 05 TOTAL \$100 \$0 \$100

|       |                 |                                     |                             |       |
|-------|-----------------|-------------------------------------|-----------------------------|-------|
| ***** | AREA NUMBER: 06 | AREA DESCRIPTION: 2nd Floor-Ceiling | AREA AVERAGE % ASBESTOS: 0% | ***** |
|-------|-----------------|-------------------------------------|-----------------------------|-------|

| LOCATION OF THE MATERIAL | SAMPLE<br>NUMBER | ASB | MATERIAL DESCRIPTION | O&M<br>CODE | QUANTITY    | UNITS OF<br>MEASURE | PIPE<br>ID | EXP<br>POT | PL | REMOVAL<br>COSTS | REPLACEMENT<br>COSTS | TOTAL<br>COSTS |
|--------------------------|------------------|-----|----------------------|-------------|-------------|---------------------|------------|------------|----|------------------|----------------------|----------------|
| throughout               | 07-356132        | 0%  | acoustical tile      | OMG         | 1000 sq.ft. |                     |            |            |    |                  |                      |                |
|                          | 07-356133        | 0%  |                      |             |             |                     |            |            |    |                  |                      |                |
|                          | 07-356134        | 0%  |                      |             |             |                     |            |            |    |                  |                      |                |

AREA COMMENTS

AREA # 06 TOTAL \$0 \$0 \$0

BUILDING # 01 TOTAL \$3,208 \$1,885 \$5,093

ASBESTOS ASSESS. SURVEY

H-K Building #: 02  
Project Number: 0980193E  
Project: G. HEILEMAN BREWERY "E"  
Date Inspected: 03/29/89  
Inspector: CURT BAXTER

Building Number: 02  
Building Name: CORPORATE OFFICES  
SEATTLE, WASHINGTON  
Building Type: OFFICES  
Year Constructed: 1935

|       |                 |                               |                              |       |
|-------|-----------------|-------------------------------|------------------------------|-------|
| ***** | AREA NUMBER: 01 | AREA DESCRIPTION: Subbasement | AREA AVERAGE % ASBESTOS: 32% | ***** |
|-------|-----------------|-------------------------------|------------------------------|-------|

| LOCATION OF THE MATERIAL                | SAMPLE NUMBER | ASB | MATERIAL DESCRIPTION          | O&M CODE | QUANTITY     | UNITS OF MEASURE | PIPE ID | EXP POT | PL  | REMOVAL COSTS | REPLACEMENT COSTS | TOTAL COSTS |
|---|---------------|-----|-------------------------------|----------|--------------|------------------|---------|---------|-----|---------------|-------------------|-------------|
| E wall-SE ofc-adjacent to personnel rec | 00-356138     | 40% | pipe covering                 | OMA      | 22 ft. 4 in. | O.D.             | LPS/R   | 22      | 111 | \$196         | \$123             | \$319       |
| E wall-thru center-to air handling unit | 00-356138     | 40% | pipe covering                 | OMA      | 18 ft. 4 in. | O.D.             | LPS/R   | 22      | 111 | \$161         | \$100             | \$261       |
| at north & south walls                  | 01-356135     | 35% | mjp on non-suspect pipe cover | OMA      | 24           | 2 in. O.D.       | DW      | 22      | 111 | \$674         | \$375             | \$1,049     |
|   | 01-356136     | 30% |                               |          |              |                  |         | 22      | 111 |               |                   |             |
|   | 01-356137     | 35% |                               |          |              |                  |         | 22      | 111 |               |                   |             |
| E wall-SE ofc-adjacent to personnel rec | 02-356139     | 25% | mjp on pipe covering          | OMA      | 5            | 4 in. O.D.       | LPS/R   | 22      | 111 | \$140         | \$78              | \$218       |
| E wall-thru center-to air handling unit | 02-356139     | 25% | mjp on pipe covering          | OMA      | 8            | 4 in. O.D.       | LPS/R   | 22      | 111 | \$225         | \$125             | \$350       |
|   | 02-356140     | 25% |                               |          |              |                  |         | 22      | 111 |               |                   |             |
|   | 02-356141     | 30% |                               |          |              |                  |         | 22      | 111 |               |                   |             |
| above air handling unit                 | 03-356142     | 30% | mjp on non-suspect pipe cover | OMA      | 2            | 8 in. O.D.       | DR      | 22      | 111 | \$96          | \$57              | \$153       |
|   | 03-356143     | 35% |                               |          |              |                  |         | 22      | 111 |               |                   |             |
|   | 03-356144     | 30% |                               |          |              |                  |         | 22      | 111 |               |                   |             |

AREA COMMENTS

The materials are in good condition with minor contact and water damage. The materials are approximately 2' to 6' from the floor. At a minimum, it is recommended that the materials be maintained and monitored after necessary repairs have been made. If removal is planned, gross removal procedures are recommended. This appears to be a low traffic area.

AREA # 01 TOTAL \$1,492 \$858 \$2,350

|       |                 |                             |                              |       |
|-------|-----------------|-----------------------------|------------------------------|-------|
| ***** | AREA NUMBER: 02 | AREA DESCRIPTION: 1st Floor | AREA AVERAGE % ASBESTOS: 31% | ***** |
|-------|-----------------|-----------------------------|------------------------------|-------|

| LOCATION OF THE MATERIAL                 | SAMPLE NUMBER | ASB | MATERIAL DESCRIPTION | O&M CODE | QUANTITY     | UNITS OF MEASURE | PIPE ID | EXP POT | PL  | REMOVAL COSTS | REPLACEMENT COSTS | TOTAL COSTS |
|--|---------------|-----|----------------------|----------|--------------|------------------|---------|---------|-----|---------------|-------------------|-------------|
| conference room landing-east wall        | 00-356145     | 35% | pipe covering        | OMA      | 10 ft. 4 in. | O.D.             | LPS/R   | 25      | 111 | \$89          | \$56              | \$145       |
| public relations landing-secretary's ofc | 00-356145     | 35% | pipe covering        | OMA      | 10 ft. 6 in. | O.D.             | LPS/R   | 25      | 111 | \$130         | \$81              | \$211       |
| first aid room-east wall-center of wall  | 00-356145     | 35% | pipe covering        | OMA      | 8 ft. 4 in.  | O.D.             | LPS/R   | 25      | 111 | \$71          | \$45              | \$116       |
| safety office-personnel-east wall        | 00-356145     | 35% | pipe covering        | OMA      | 18 ft. 4 in. | O.D.             | LPS/R   | 25      | 111 | \$161         | \$100             | \$261       |
| public relations landing-secretary's ofc | 00-356145     | 35% | pipe covering        | OMA      | 10 ft. 4 in. | O.D.             | LPS/R   | 25      | 111 | \$89          | \$56              | \$145       |
| first aid room-east wall-center of wall  | 04-356330     | 20% | mjp on pipe covering | OMA      | 3            | 4 in. O.D.       | LPS/R   | 25      | 111 | \$84          | \$47              | \$131       |
| safety office-personnel-east wall        | 04-356330     | 20% | mjp on pipe covering | OMA      | 1            | 4 in. O.D.       | LPS/R   | 25      | 111 | \$28          | \$16              | \$44        |
| conference room landing-east wall        | 04-356330     | 20% | mjp on pipe covering | OMA      | 2            | 4 in. O.D.       | LPS/R   | 25      | 111 | \$56          | \$31              | \$87        |
|  | 04-356331     | 30% |                      |          |              |                  |         | 25      | 111 |               |                   |             |
|  | 04-356332     | 30% |                      |          |              |                  |         | 25      | 111 |               |                   |             |

ASBESTOS ASSES. SURVEY

H-K Building #: 02  
 Project Number: 0980193E  
 Project: G. HEILEMAN BREWERY "E"  
 Date Inspected: 03/29/89  
 Inspector: CURT BAXTER

Building Number: 02  
 Building Name: CORPORATE OFFICES  
 SEATTLE, WASHINGTON  
 Building Type: OFFICES  
 Year Constructed: 1935

AREA COMMENTS

The materials are in good condition with minor contact and water damage. The materials are approximately 2' to 10' from the floor. At a minimum, it is recommended that the materials be maintained and monitored. If removal is planned, gross removal procedures are recommended. This appears to be a high traffic area.

AREA # 02 TOTAL \$708 \$432 \$1,140

\*\*\*\*\* AREA NUMBER: 03 AREA DESCRIPTION: 1st Floor-Ceilings AREA AVERAGE % ASBESTOS: 0% \*\*\*\*\*

| LOCATION OF THE MATERIAL                 | SAMPLE NUMBER | ASB | MATERIAL DESCRIPTION | O&M CODE | QUANTITY | UNITS OF MEASURE | PIPE ID | EXP POT | PL | REMOVAL COSTS | REPLACEMENT COSTS | TOTAL COSTS |
|--|---------------|-----|----------------------|----------|----------|------------------|---------|---------|----|---------------|-------------------|-------------|
| testing room                             | 05-356146     | 0%  | acoustical tile      | OMG      | 90       | sq.ft.           |         |         |    |               |                   |             |
| administrative assistant's office        | 05-356146     | 0%  | acoustical tile      | OMG      | 100      | sq.ft.           |         |         |    |               |                   |             |
| personnel manager's office               | 05-356146     | 0%  | acoustical tile      | OMG      | 160      | sq.ft.           |         |         |    |               |                   |             |
| conference landing                       | 05-356146     | 0%  | acoustical tile      | OMG      | 80       | sq.ft.           |         |         |    |               |                   |             |
| first aid room                           | 05-356146     | 0%  | acoustical tile      | OMG      | 120      | sq.ft.           |         |         |    |               |                   |             |
| personnel office                         | 05-356146     | 0%  | acoustical tile      | OMG      | 160      | sq.ft.           |         |         |    |               |                   |             |
| bran marketing manager's office          | 05-356146     | 0%  | acoustical tile      | OMG      | 168      | sq.ft.           |         |         |    |               |                   |             |
| public relations landing-secretary's ofc | 05-356146     | 0%  | acoustical tile      | OMG      | 360      | sq.ft.           |         |         |    |               |                   |             |
| safety office                            | 05-356146     | 0%  | acoustical tile      | OMG      | 160      | sq.ft.           |         |         |    |               |                   |             |
|  | 05-356147     | 0%  |                      |          |          |                  |         |         |    |               |                   |             |
|  | 05-356148     | 0%  |                      |          |          |                  |         |         |    |               |                   |             |
| conference room                          | 06-356721     | 0%  | drop or lay-in panel | OMG      | 240      | sq.ft.           |         |         |    |               |                   |             |
|  | 06-356722     | 0%  |                      |          |          |                  |         |         |    |               |                   |             |
|  | 06-356723     | 0%  |                      |          |          |                  |         |         |    |               |                   |             |

AREA COMMENTS

AREA # 03 TOTAL \$0 \$0 \$0

BUILDING # 02 TOTAL \$2,200 \$1,290 \$3,490